

Application Serial No. 10/534,668
Reply to Office Action of August 28, 2007

PATENT
Docket: CU-4204

REMARKS

In the Office Action, dated August 28, 2007, the Examiner states that Claims 29-57 are pending and Claims 29-57 are rejected. By the present Amendment, Applicant amends independent Claim 29 and cancels Claims 30 and 57.

In the Office Action, Claims 29-33, 36-40, 45-47, and 53-57 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum (U.S. 6,272,269) in view of Pelka et al. (U.S. 6,748,603) and Rai et al. (U.S. 6,369,866). Claims 34 and 35 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Bornstein et al. (U.S. 4,539,625). Claim 41 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Miyawaki et al. (U.S. 4,832,428). Claims 42 and 50-52 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Shahidi-Hamedani et al. (U.S. 5,165,187). Claim 43 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Riser et al. (U.S. 6,196,709). Claim 44 is rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Grenda et al. (U.S. 6,948,840). Claims 48 and 49 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Naum, Pelka et al., and Rai et al. as applied to Claim 29 and in further view of Doong et al. (U.S. 6,200,011).

The Applicant has amended independent Claim 29 and believes this amendment overcomes the obviousness rejections. The present application claims a hybrid lighting system that is arranged for combining fluorescent light, provided by a light collector of a daylight collection system, with light from an electrically powered light source. Light from each light source is introduced separately and the light is mixed so that an output of light has a color that is different than the light from the electrically powered source. For example, a light collector may be arranged for collection of sunlight and emission of green and red fluorescent light. Another example is that fluorescent dye molecules that emit blue fluorescent light are typically inefficient; however, in embodiments of the present invention a blue LED maybe be used to supplement the fluorescent light so that an output of white light its

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generated.

In contrast, Rai et al. discloses a LCD display which includes a light-collecting lens 61 coupled to a light transmitter 21. The disclosed device includes a light source 50. The light from the light source 50 and light collected by the lens 61 are introduced separately into the light transmitter.

As discussed in the previous response, Naum et al discloses a device in which the artificially generated light is at least in part absorbed by fluorescent dye molecules to generate fluorescent light. Pelka et al discloses a medium that is doped with dye molecules and coupled to a cylindrical lens for emission of fluorescent light. Moreover, the other cited references also fail to teach or suggest a device in which electrically generated light is used to supplement fluorescent light.

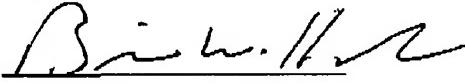
Therefore, because none of the cited references teaches or suggests supplementing light from two light sources and mixing the light so that the combined light has a different color as claimed in independent Claim 29, the Applicant considers the obviousness rejections thereto, and to the defendant claims overcome. There is no disclosure in any of the cited references of combining light from two different types of light sources, such as a fluorescent light source of a daylight collection system and an electrical light source, in a manner such that combined light has a different color.

In light of the foregoing response, all the outstanding rejections are considered overcome. Applicant respectfully submits that this application should now be in condition for allowance and respectfully requests favorable consideration.

Respectfully submitted,

October 24, 2007

Date


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